

**SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
PERMIT APPLICATION PUBLIC NOTICE**

**April 25, 2008**

**Permit Number:** OCRM-08-095-B  
**Permit ID:** 62917

The SCDHEC Office of Ocean and Coastal Resource Management has received an application for a permit for the alteration of a critical area. This application was submitted pursuant to the Coastal Zone Management Act (Act 123) of the 1977 South Carolina General Assembly. The application, in brief, is described as follows:

**APPLICANT:** Mount Pleasant Waterworks  
C/O Newkirk Environmental, Inc.  
P.O. Box 746  
Mount Pleasant, South Carolina 29456

**LOCATION:** On and adjacent to the Wando River at the end of 3<sup>rd</sup> Avenue, Scanlonville Area, Mount Pleasant, Charleston County, South Carolina.  
Located between TMS#'s: 514-05-00-069 and 514-05-00-050

**WORK:** The work as proposed and shown on the attached plans will consist of installing by directional drill a 10.75" diameter High Density Polyethylene (HDPE) pipe that is 675' in length with three 9" thick articulating concrete mats (two 8' x 20' sections and one 8' x 10' section) and a 35' long anchoring 12" steel H-pile with a 12" x 12" x 1" HDPE plate at the end of the pipe. The HDPE pipe will extend into the Wando River approximately 600' channelward of the critical area line. Additionally, an area of the river bottom will be excavated at the discharge point and filled in with approximately 30 sq. ft. of pea gravel (1 cubic yard). The purpose of the proposed work is to convey and discharge the concentrate waste generated by the water treatment process. **PLEASE NOTE:** This proposed project has been authorized under a Nationwide 12 permit by the U.S Army Corps of Engineers.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by OCRM can be based. Comments concerning the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

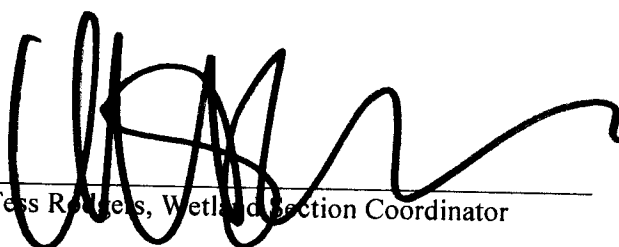
The decision to issue or deny a permit will be based on the individual merits of the application, the policies specified in the South Carolina Coastal Zone Management Act, and the considerations outlined in the State of South Carolina Coastal Zone Management Program. Interested parties who wish to be notified of final permit action must notify OCRM in writing of this request.

***To assure review by OCRM, comments regarding this application must be received by OCRM on or before May 25, 2008. For further information please contact the project manager for this activity, Steven Brooks at (843) 953-0235.***

**PLEASE REPLY TO:**

SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
1362 McMillan Avenue, Suite 400  
Charleston, South Carolina 29405

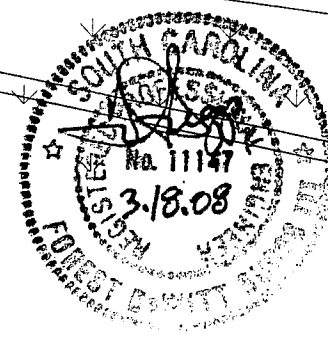
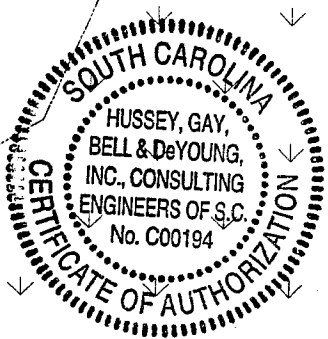
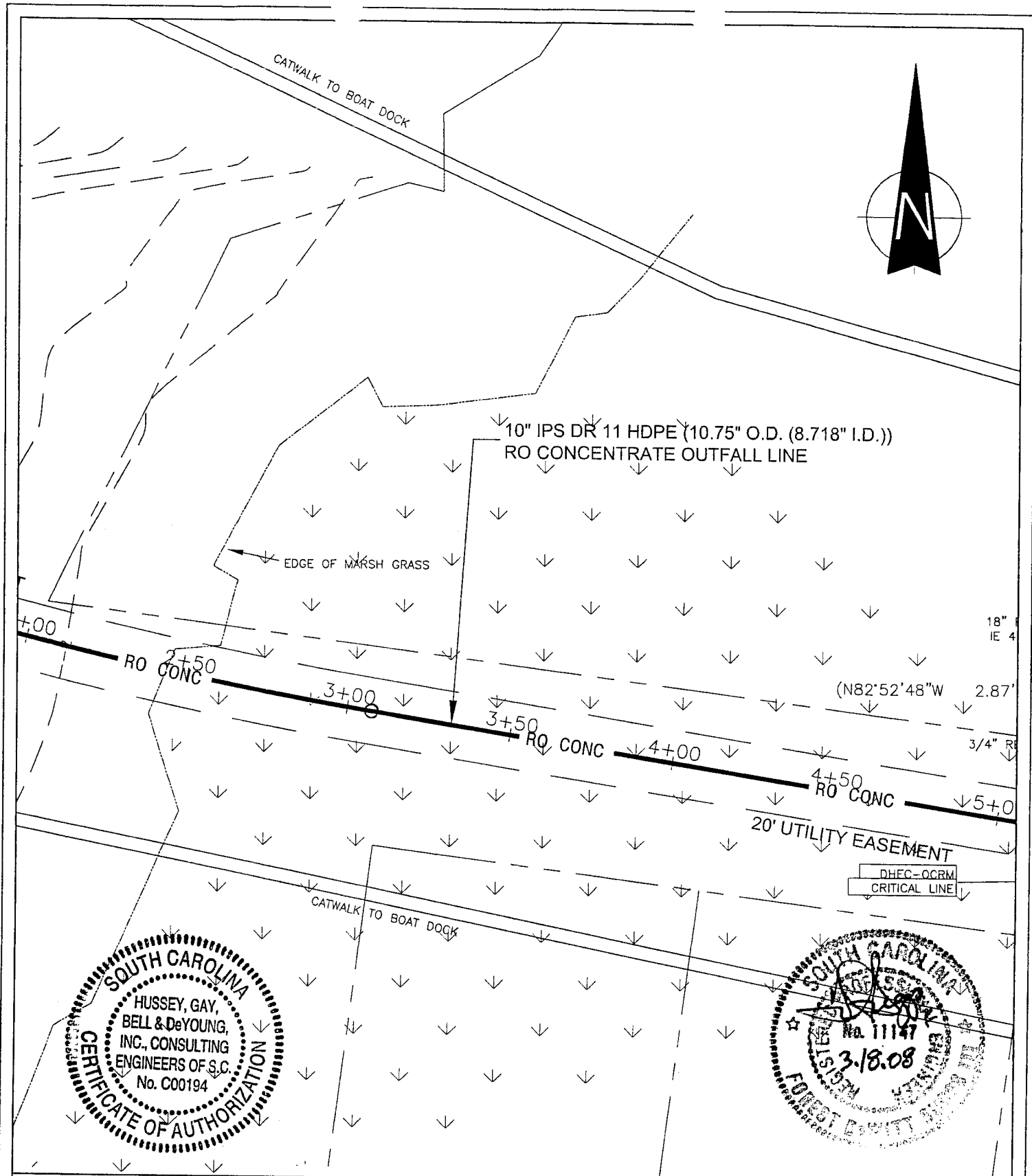
**Please refer to P/N# OCRM-08-095-B**

  
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Tess Rodgers, Wetland Section Coordinator



APPLICANT: MOUNT PLEASANT WATERWORKS





PLAN

SCALE : 1" = 40'

DATE : MARCH 12, 2008

OCRM-08-095-8

SHEET 4 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

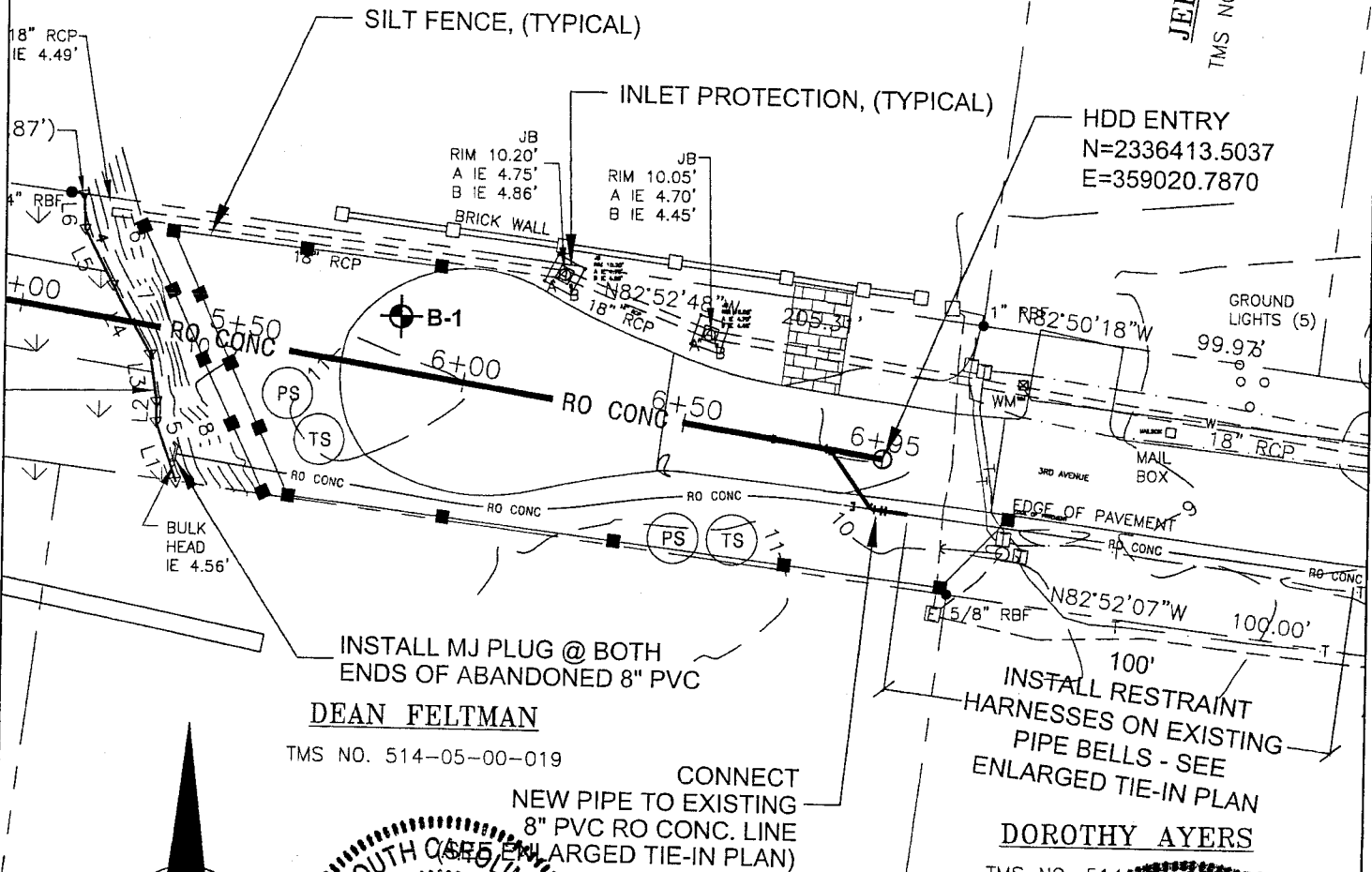
APPLICANT: MOUNT PLEASANT WATERWORKS



**BULL, LLC**

TMS NO. 514-05-00-120

**JEROME GRANT**  
TMS NO. 514-05-00-069



**DEAN FELTMAN**

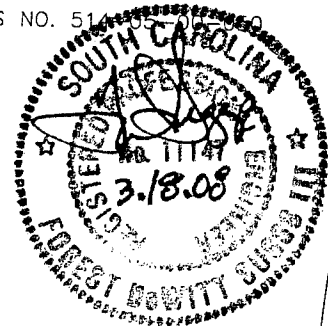
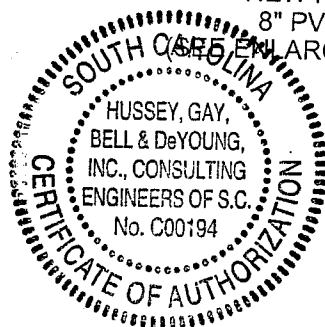
TMS NO. 514-05-00-019

CONNECT  
NEW PIPE TO EXISTING  
8" PVC RO CONC. LINE  
(SEE ENLARGED TIE-IN PLAN)

INSTALL RESTRAINT  
HARNESSES ON EXISTING  
PIPE BELLS - SEE  
ENLARGED TIE-IN PLAN

**DOROTHY AYERS**

TMS NO. 514-05-00-020



PLAN

SCALE : 1" = 40'

DATE : MARCH 12, 2008

OCRM-08-095-B

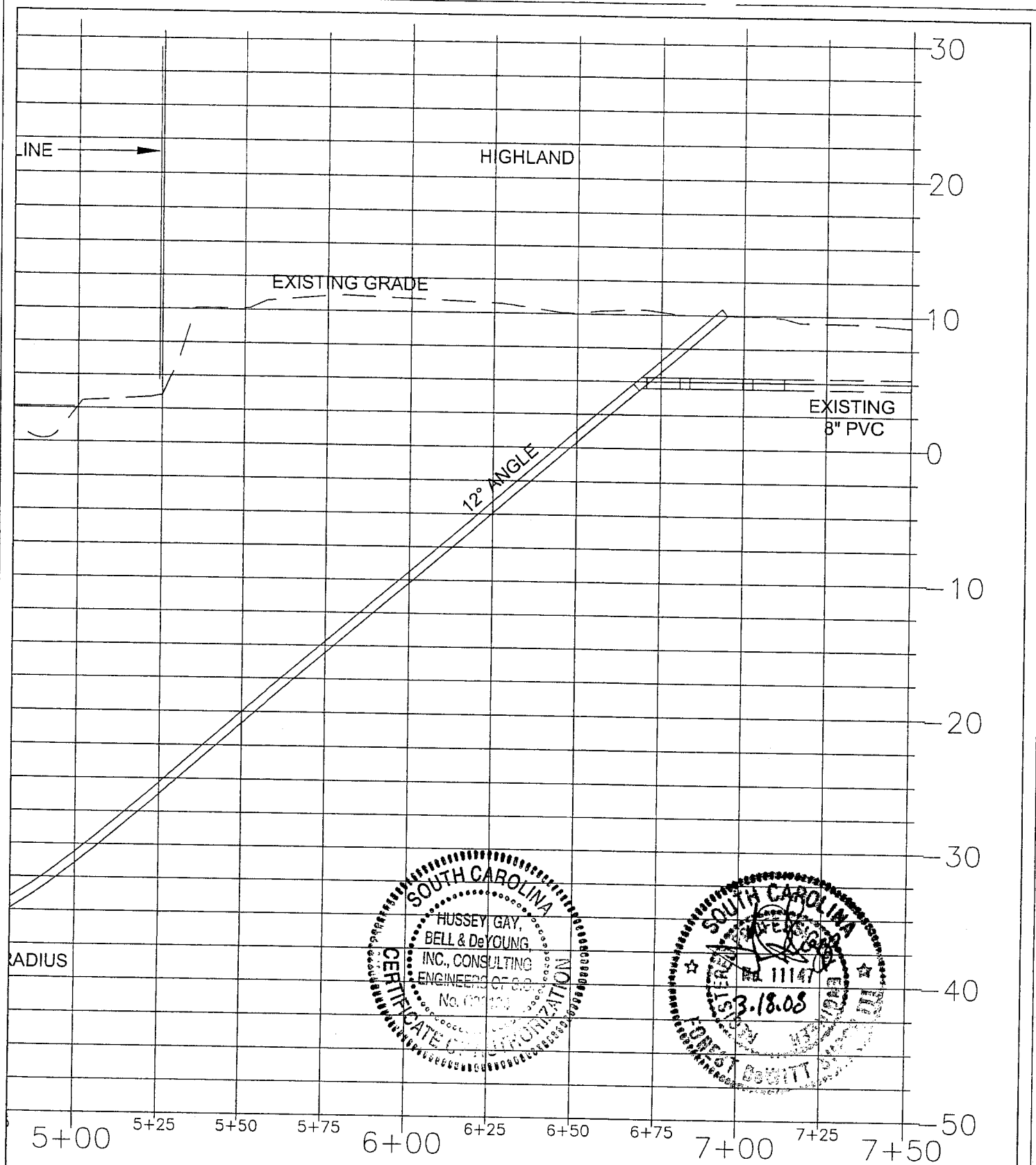
SHEET 5 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS





PROFILE

SCALE : H: 1" = 40'  
V: 1" = 10'

DATE : MARCH 12, 2008

OCRM-08-095-B

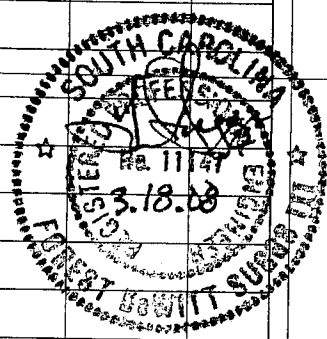
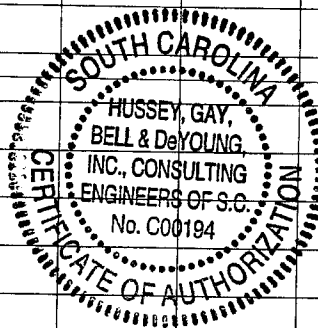
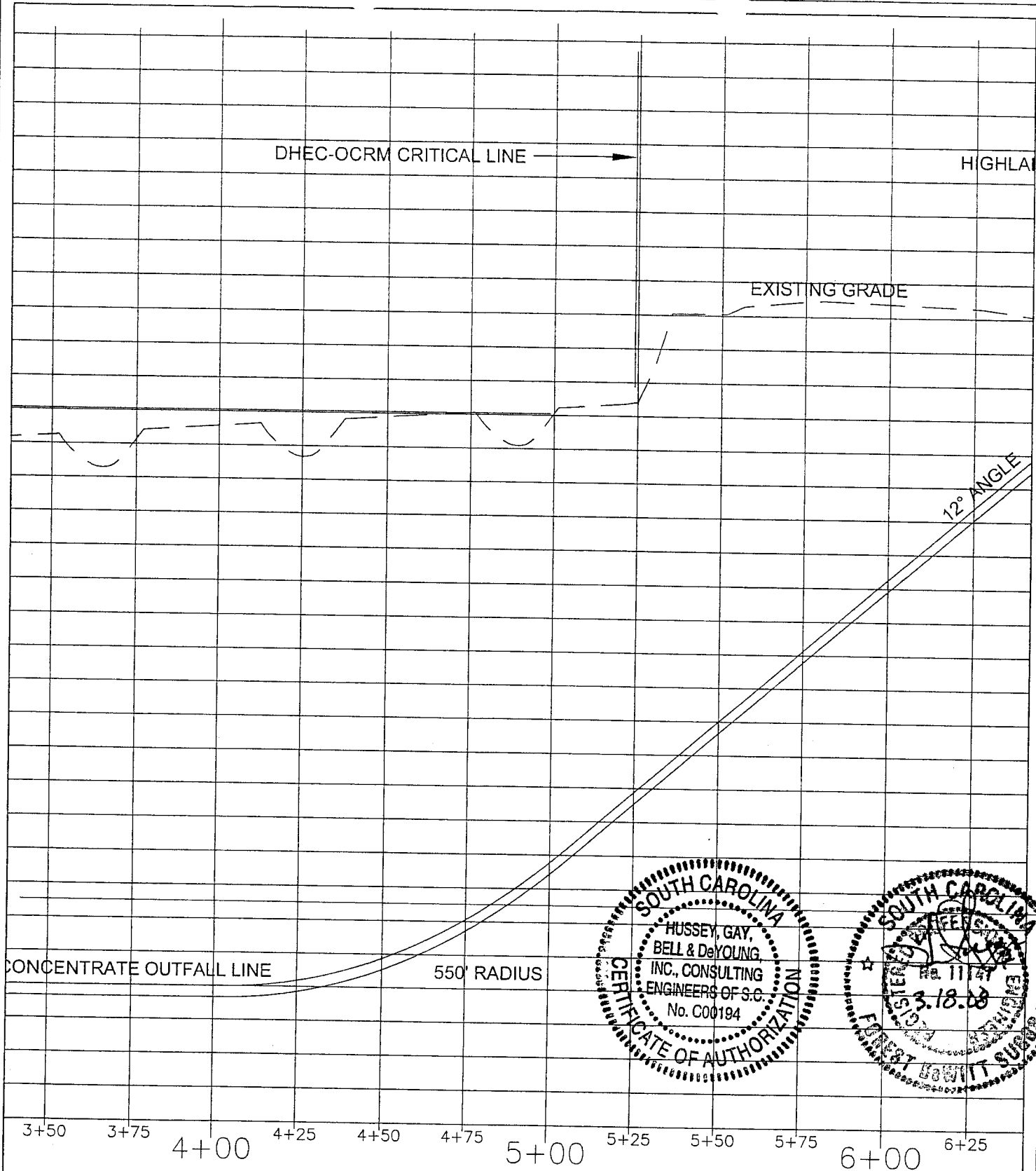
SHEET 9 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS





PROFILE

SCALE : H: 1" = 40'  
V: 1" = 10'

DATE : MARCH 12, 2008

OCRM-08-045-B

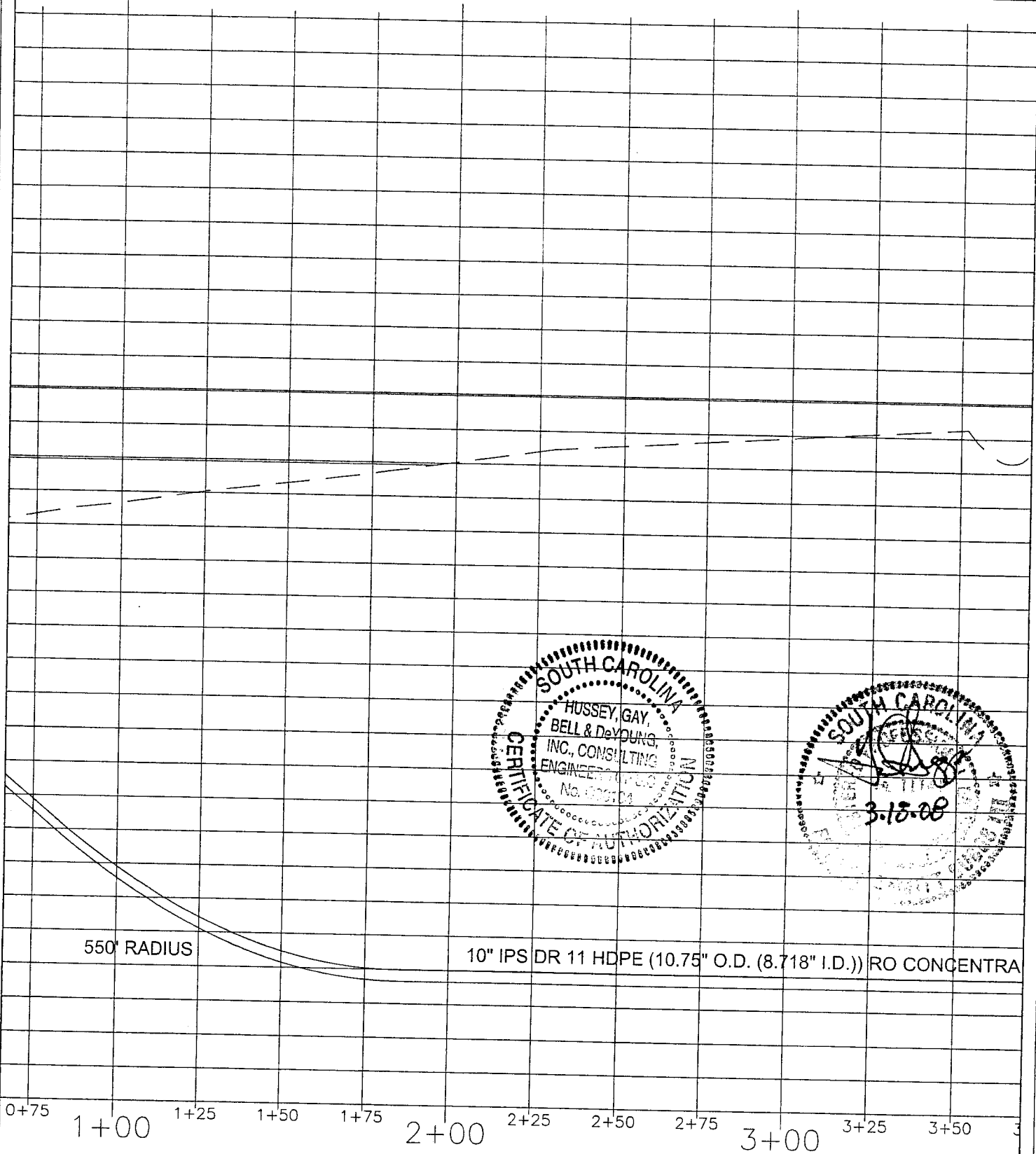
SHEET 8 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS





PROFILE

SCALE : H: 1" = 40'  
V: 1" = 10'  
DATE : MARCH 12, 2008

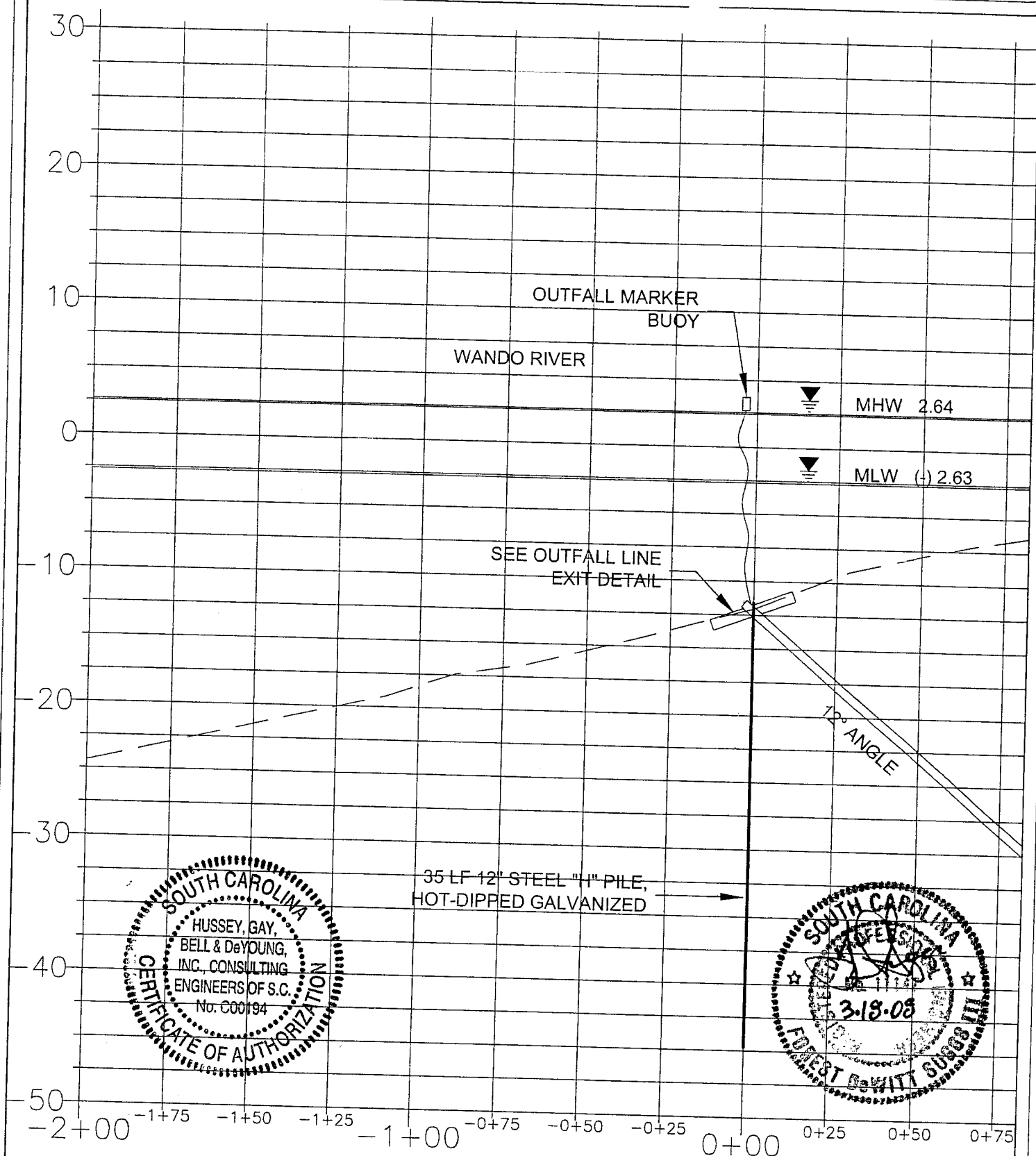
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SHEET 7 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS





PROFILE

SCALE : H: 1" = 40'  
V: 1" = 10'

DATE : MARCH 12, 2008

DCRM-08-095-B

SHEET 6 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS





# OUTFALL LINE EXIT DETAIL

SCALE: 1" = 4'

DATE: MARCH 12, 2008

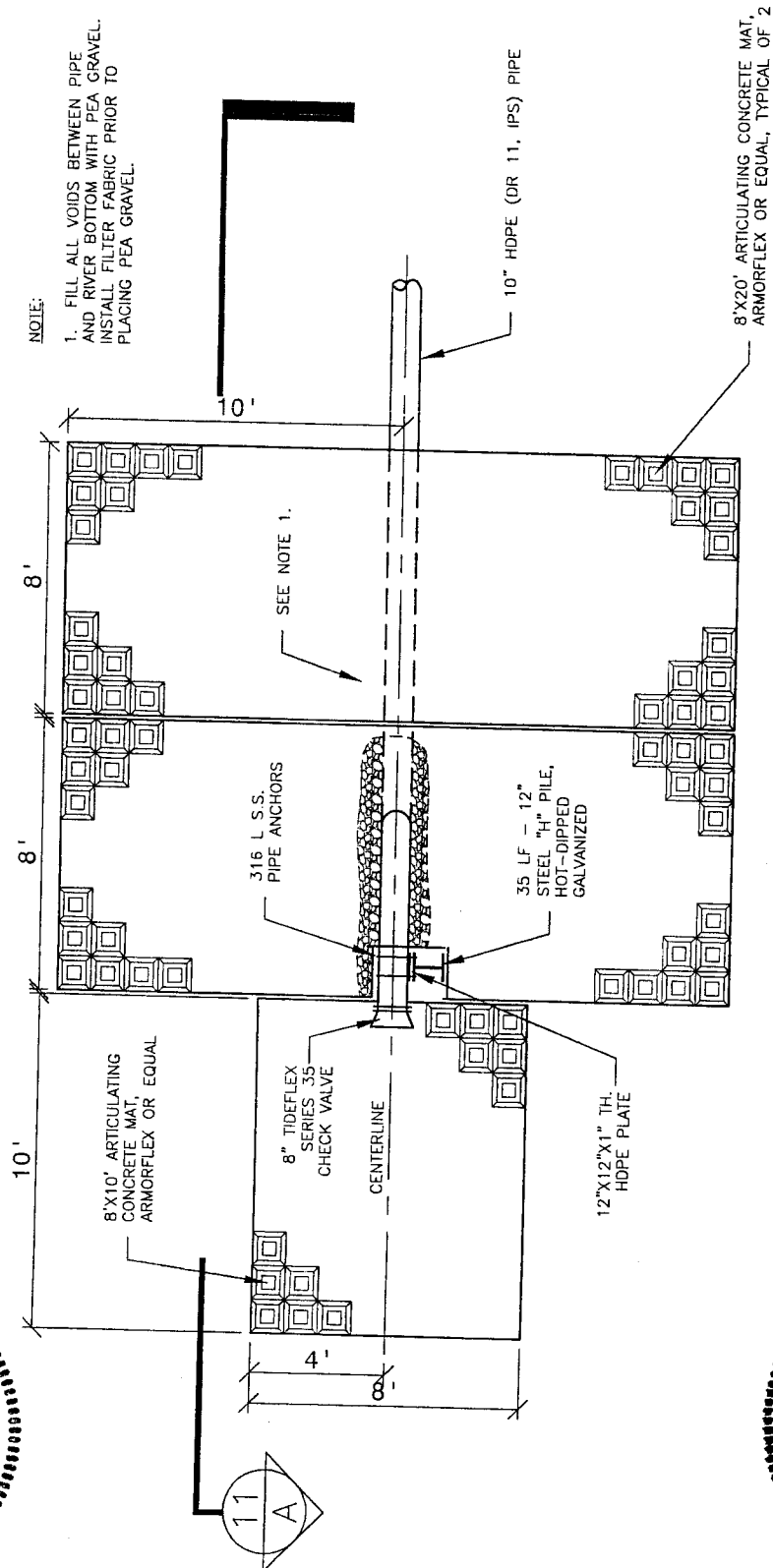
DCRM-08-095-B

SHEET 10 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

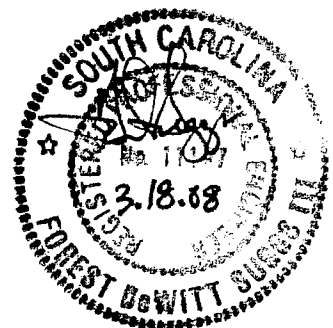
RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS

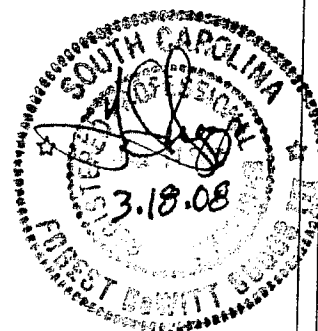
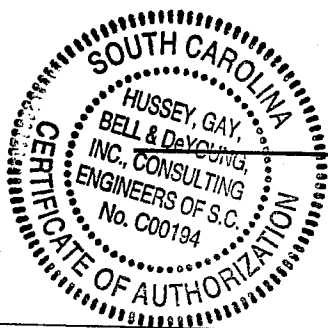
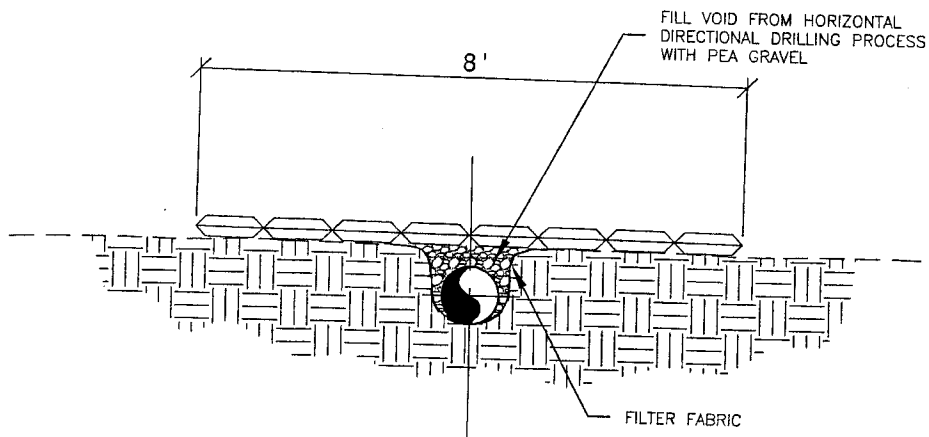
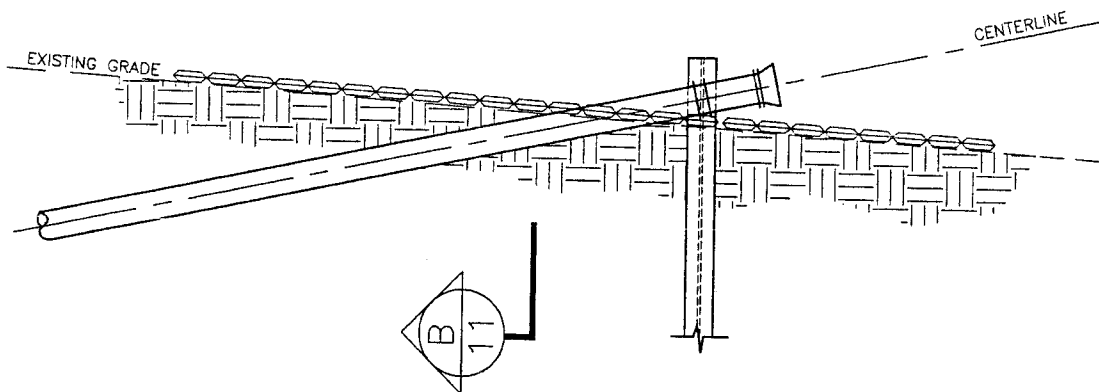


## OUTFALL LINE EXIT DETAIL - PLAN

SCALE: 1" = 4'







OUTFALL LINE EXIT  
SECTIONS

SCALE : AS SHOWN

DATE : MARCH 12, 2008

0CRM-08-095-8

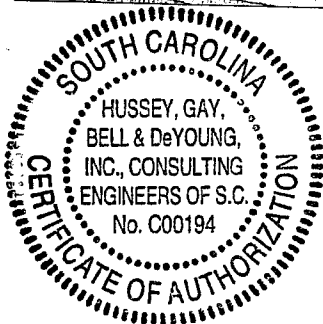
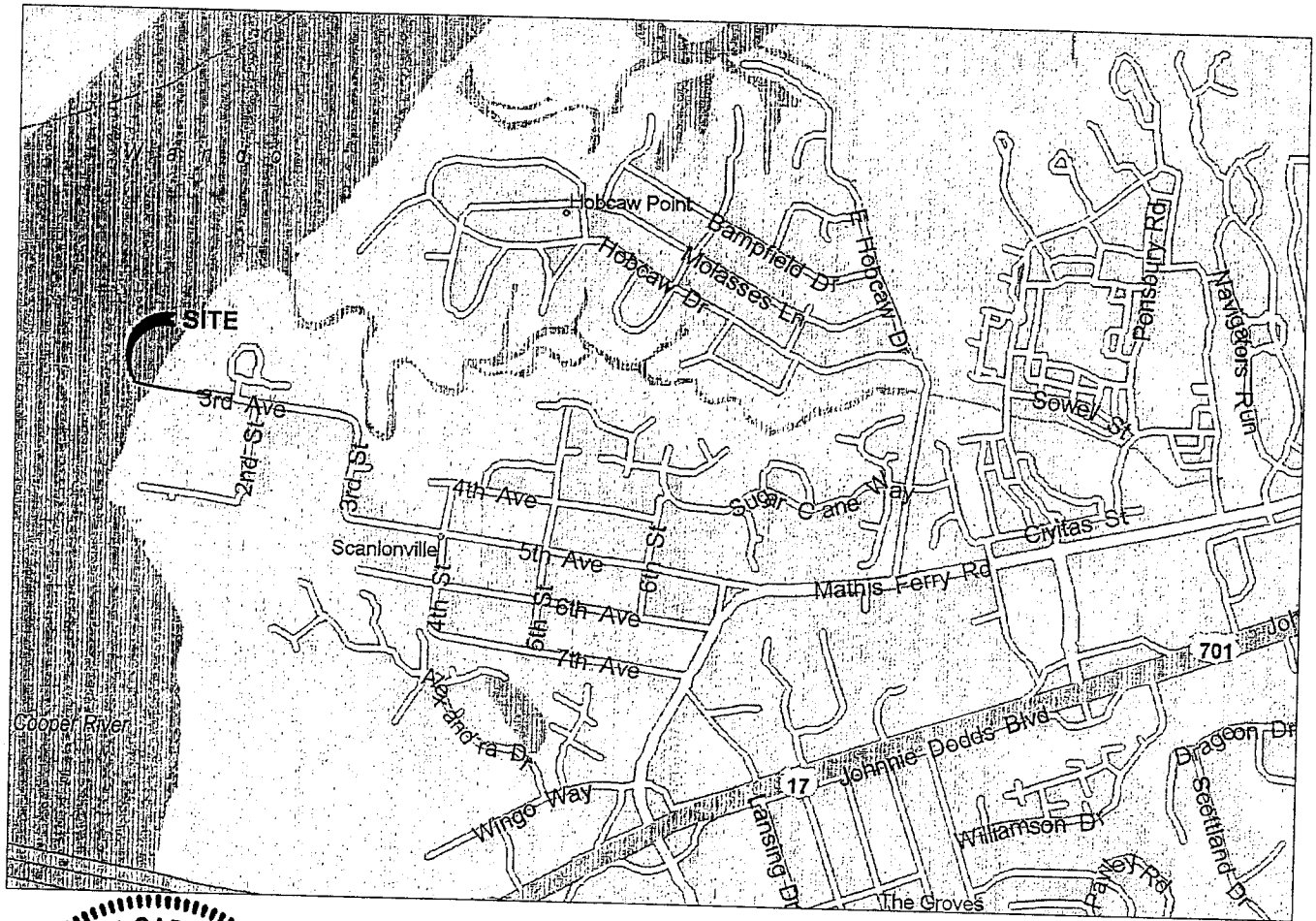
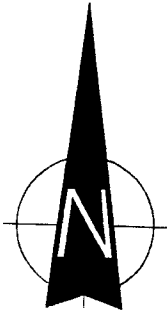
SHEET 11 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS





LOCATION MAP

SCALE : N.T.S.

DATE : MARCH 12, 2008

CCRM-08-045-B

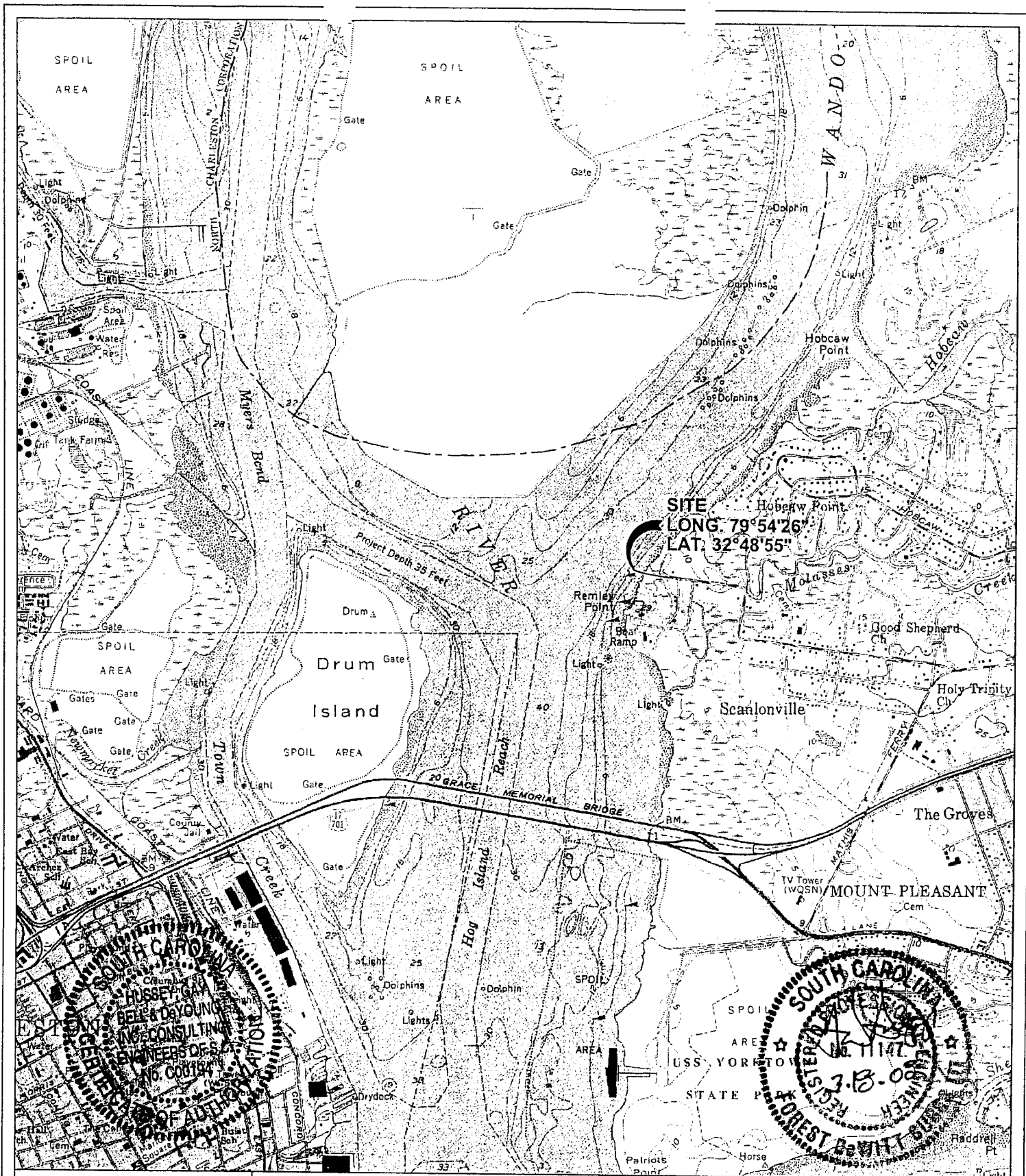
SHEET 2 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS





QUAD MAP

SCALE : 1" = 2,400'

DATE : MARCH 12, 2008

DCRM-08-095-B

SHEET 1 OF 11

PROPOSED ACTIVITY:  
OUTFALL STRUCTURE  
BY DIRECTIONAL DRILL

RO WTP #2 CONCENTRATE OUTFALL EXTENSION  
MOUNT PLEASANT, SOUTH CAROLINA

APPLICANT: MOUNT PLEASANT WATERWORKS